IP Power 9268 /
IP Power 9268SE
User Manual

IP Power 9268

IP Power 9268SE

Firmware Version: 1.3
Date Released: 10/21/2009

Warning: Any changes made to this equipment without permission may cause damages to the device!

IMPORTANT NOTICE

1. IP Power 9268 / 9268SE was designed for indoor use, we carry no responsibility for possible damages caused by outdoor use, especially in the rain.
2. Please use the power adapter provided by the dealer, we carry no responsibility for the possible damage from using power adapters not .
4. Do not shake the IP Power 9268 / 9268SE in any fashion
5. Please contact the dealer If IP Power 9268 / 9268SE is not working properly.

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Table of Content

1.) WELCOME 5

Introduction 5

Minimum System Requirements 5

2.) PRODUCT OVERVIEW 6

Features 6

Specification 6

Package Contents 7

Package Contents 7

3.) INTERFACE DESCRIPTION 9

9268 -M (Master) 9

9268 -PR (Power Receiver) 10

4.) SETTING UP THE IP POWER 9268 / 9268SE 12

Step 1: Setting up the Hardware 12

Step 2: Setting up the device with IP Edit 12

Step 3: Setting up the 9268 / 9268SE-PR RF settings 13

Step 4: Accessing the device from outside the network 15

5.) HARDWARE INTERFACE 16

Controlling the Device Manually through the 9268 -M 16

Reset to Default values 16

Replacing the Fuse 18

6.) WEB INTERFACE 18

Log In to IP Power 9268 / 9268SE 18

Logging In 19

Main Screen 19

Control Center **20**
Control Center 20
RF Control Panel: 21

System Configuration **22**
RF Setup 22
System Setup 23
DDNS Setup 24
Email Setup 25
Change Password 26
Firmware Update 26

System Log **27**

Change Time **27**

Logout **27**

7.) FREQUENTLY ASKED QUESTIONS (F.A.Q) **28**

1.) Welcome

Introduction

The IP Power 9268 / 9268SE is a state of the art Power Distribution Unit (PDU) & Remote Power Control (RPC) system. The various applications of the 9268 / 9268SE includes: Power Management, System Integration, Remote Power Control in Remote locations, & etc.

The 9268 / 9268SE allows you to control up to 4 / 2 separate devices remotely via the internet using a web browser, you can control the power to your devices from virtually anywhere.

Minimum System Requirements

CPU Minimum Requirements
CPU Processor: The same as or above a Intel Pentium III or AMD Athalon
Operating Systems: WINDOWS Operating Systems (IE5.0+SPI) & LINUX
Memory Requirements 64MB or More
Supports Direct Draw Graphics Card
RJ45 LAN & Internet HUB & Switch
Internet (For remote access) or Ethernet Network (Internal Network use) with some type of Internet connection, (i.e. ADSL, Cable, Dial up or any other forms of Internet service)

2.) Product Overview

Features

1. One Master Connects 4 / 2 Receiver devices
2. Each slave device can connect up to a distance of 30 - 50 Meters
3. Email Capabilities
4. Supports: TCP/IP, Http API, Web Server, SMTP Server, DDNS, Log file, CNT, XML
5. Customize the name of each device and each port of each device
6. Remote controller on Master device for local control
7. Base 64 Password Encryption
8. Log Capability
9. Bi-Directional safety control communication for device status retrieval.
10. CNT Technology: No Port Forwarding Needed in Router – Just Plug & Play
11. IP Service: Easily Find your device on the internet without having to remember complicated IP's
12. Compatible with IP Power Center Power Management Windows Software.

Specification

9268-M (Master)

1. Input DC: 5DC
2. Dimensions: 75 x 120 x 25 mm
3. Weight: 263.3 g
4. RF Frequency: 433/315 MHZ

9258-PR (Power Receiver)

1. Input Power Voltage 90-240 VAC
2. 4 Power Outlets
3. Dimensions: 115 x 260 x 45 mm
4. Weight: 923.4 g
5. RF Frequency: 433/315 MHZ

* For **220-250V**, please use power cable that can support 10A current.
Max. Output current: (total of each four outlets) 10A, (each outlet) 6A.

* For **100-120V**, please use **power cable that can support 15A current.**
Max. Output current: (total of each four outlets) 15A, (each outlet) 6A

9268 / 9268SE Package Contents

9268 Package Contents	
1.) 9268 -M (Master) Unit x 1	
2.) 12V 1A Power Adapter	
2.) 9268- PR (Power Receiver) Unit x 4	4pcs 9268-PR
3.) Antenna Unit x 5	
2.) Installation CD	
4.) RJ45 Cable x 1 (Optional)	
5.) Input Power Cable (Optional)	

9268 SE Package Contents	
1.) 9268 -M (Master) Unit x 1	
2.) 12V 1A Power Adapter	
2.) 9268- PR (Power Receiver) Unit x 2	2pcs 9268-PR
3.) Antenna Unit x 3	
2.) Installation CD	
4.) RJ45 Cable x 1 (Optional)	
5.) Input Power Cable (Optional)	

3.) Interface Description

9268 -M (Master)

Front View

1.) **Device Selection:** The PR Device Selection

2.) 9268-M Reset:

To reset to original manufacture settings, hold down the reset button with a pen or a pin for 7 seconds or more.

The Default Values of the IP Power 9268 / 9268SE are

Default IP Address: 192.168.1.192
Default Login: admin
Default Password: 12345678

3.) Power Controls:

Once a 9268 -PR (Slave) has been selected hit the 1, 2, 3, 4 buttons to active the outlets of the 9268-PR. When the power outlet is on the 9268 -M will light up the green LED.

4.) Ac Power:

The green LED will light up when the device is properly powered and plugged in

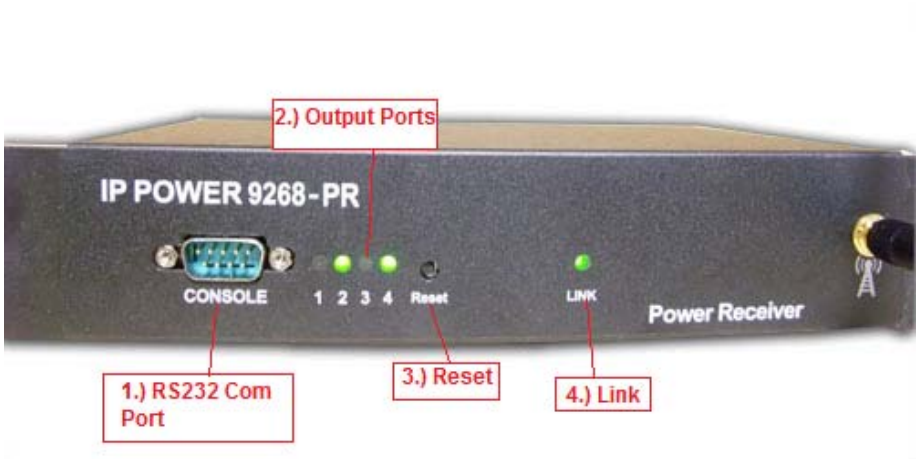
Rear View

1.) 9268 -M Network Jack RJ45:
Connect the 9268 / 9268SE-M to the Ethernet / internet though this jack

2.) 9268 –M Reset:
Use a DC 5V 1A Power Adaptor.

9268 / 9268SE-PR (Power Receiver)

Front View



1.) **RS232 Com Port**
The RS232 Com Port is currently used by the manufacturer for debugging purposes

2.) **Output Ports**

The green LED lights will light up with the output has been turned on

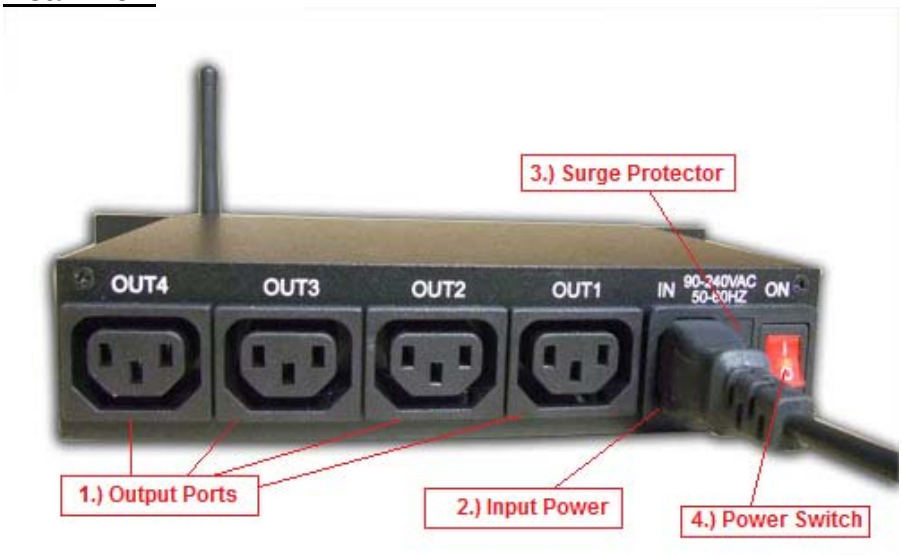
3.) **Reset**

The Reset button is used to setup the RF device. Please go to (RF Connection Setup) for more instructions

4.) **Link**

The link will show if the IP Power 9268 -PR (Slave) is connected to the 9268 -M (Master) device

Rear View



1.) **Output Ports**
Connect the devices that need to be controlled in the Output Ports.

2.) **Input Power**

The Input Power allows the 9268 -PR to power up the devices.

3.) **Surge Protector**
In the case of a power surge, the fuse in located in the Surge protector.

4.) **Power Switch**
Power switch turns on or/off the IP Power 9268 -PR

4.) Setting up the IP Power 9268 / 9268SE

Setting up the IP Power 9268 / 9268SE:

Note:
For **220-250V**, please use power cable that can support 10A current.
Max Output Current: (total of each four outlets) 10A, (each outlet) 6A.

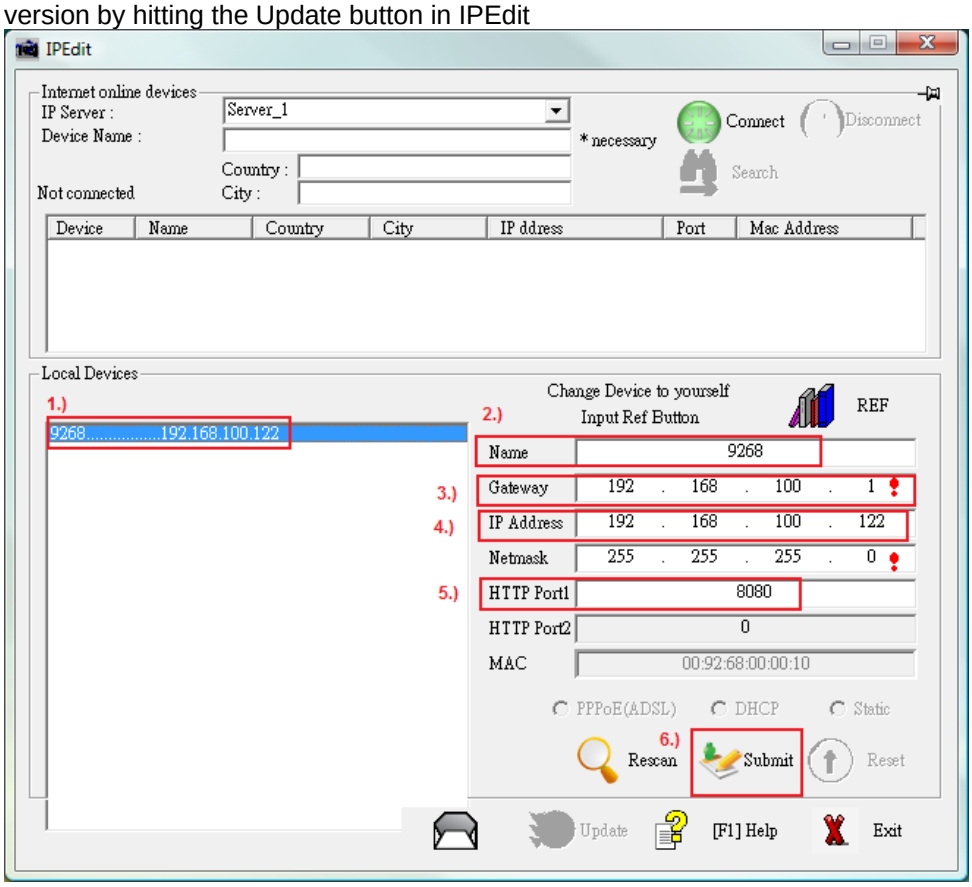
For **100-120V**, please use **power cable that can support 15A current.**
Max Output Current: (total of each four outlets) 15A, (each outlet) 6A

Step 1: Setting up the Hardware

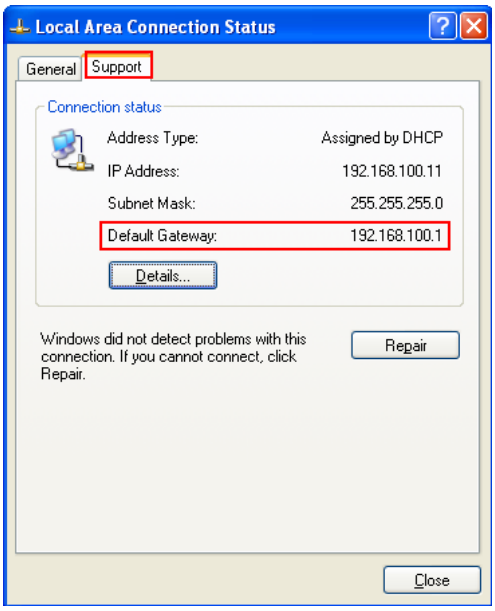
1.) Connect the IP Power 9268 -M to a HUB or Router with a RJ45 network cable.
2.) Connect the HUB or Router to the internet (May through ADSL/XDSL modem).
3.) Connect the power adapter to the IP Power 9268 / 9268SE-M (Master).

Step 2: Setting up the device with IP Edit

From the CD provided install IPEdit Search Tool. Please update IPEdit to the latest version by hitting the Update button in IPEdit



1.) Once IPEdit is open the device will automatically appear in the local devices section. Highlight the device and on the right side of IPedit the Fields will be populated with default information
2.) Type in a Name for the device
3.) Type in the network gateway (I.E Router Gateway, Hub).
This information can be found in your network settings.



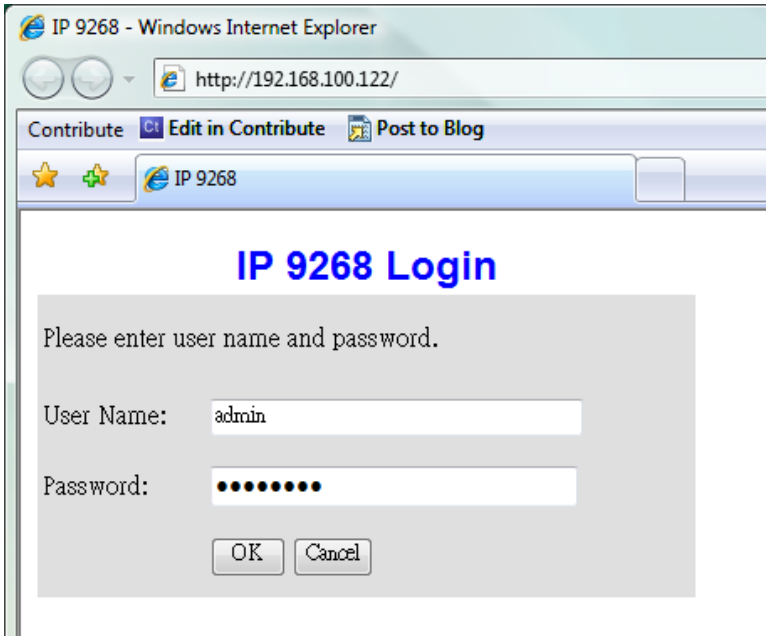
4.) Type in the IP Address of the device.
5.) Select a Port number other than 80 to avoid conflicts with other hardware
6.) Once all settings have been entered correctly, hit the submit button to save all changes.

Step 3: Setting up the 9268 -PR RF settings

Once all the settings have been entered then it is time to setup the 9268 -PR (slave) boxes. To setup the boxes it is recommended to have the box stay near the computer you will be using to setup the device.

Follow the following steps:

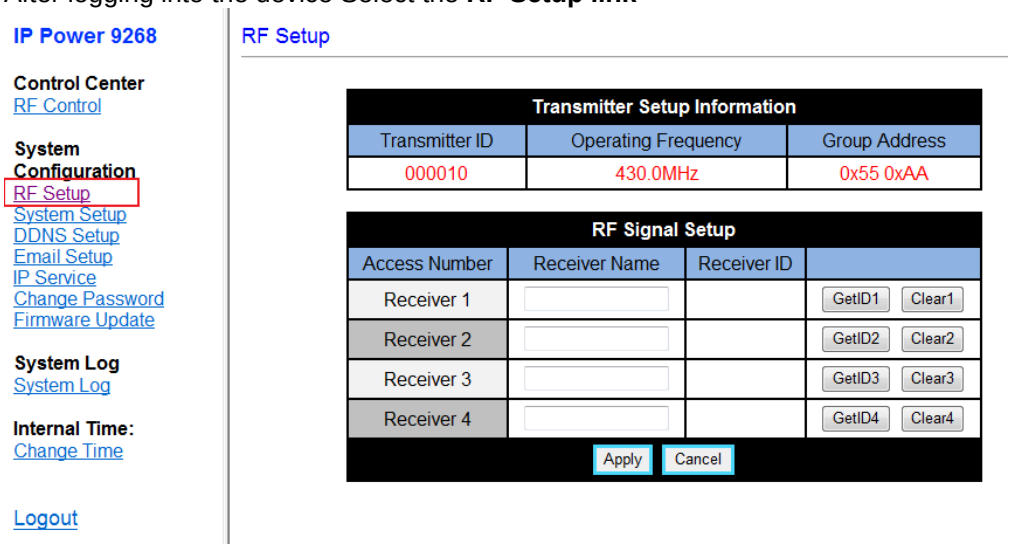
1.) First connect the power cable to the 9268-PR (slave) and turn on the power.
2.) Then hit the reset button on the 9268 -PR to start the recognition process. The 9268 -PR will start to make “Beeping sounds”
3.) Then Open IPEdit double click on your device in the local Area section. Or enter the IP Address of your device into Internet Explorer.
4.) Login to the IP Power 9268 -M



The Default Values of the IP Power 9268 / 9268SE:

IP Address: 192.168.1.192
Login: admin
Password: 12345678

5.) After logging into the device Select the **RF Setup link**



6.) While the 9268-PR is still beeping hit the **GetID** button.

Example:
If you want the device to be in **Receiver 1** Select **GetID1**

RF Signal Setup			
Access Number	Receiver Name	Receiver ID	
Receiver 1			GetID1 Clear1
Receiver 2			GetID2 Clear2
Receiver 3			GetID3 Clear3
Receiver 4			GetID4 Clear4
Apply Cancel			

7.) Once the device has been setup click on RF control link to left of the page to check to make sure the device has been connected.

Receiver Control Center				
Access Number:	1	2	3	4
Receiver Name:				
Receiver ID:	000001	000002	000003	000004
Status:	On	On	On	On
Control Center:				

Step 4: Accessing the device from outside the network

Note:
To access the device from outside of the network you must port forward, port triggering, the routers that is being used to connect the device. Please refer to the routers manual since each routers settings are setup differently.

For example our device above has the following information

IP Address: 192.168.100.122
Port: 8080

On the routers side you will need to port forward / port trigger this information so that it can be accessed from outside the network.

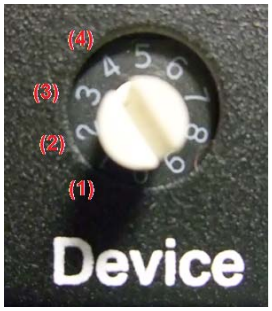
5.) Hardware Interface

Controlling the Device Manually through the 9268 -M

The 9268-M allows the device to remotely be controlled through the internet. It also has a remote feature which allows for local control of the 9268 -PR (slave) devices.

To Control the 9268 -PR devices:

1.) With Device Selection Knob and select the device you would like to control.



2.) Then press the Power Controls to control the power of outlets 1, 2, 3, or 4. The LED will light up if the power is on.

Reset to Default values

Resetting Values to Manufacturer Default

To reset to original manufacture settings on the IP Power 9268-M (Master), hold down the reset button with a pin or pen for 7 seconds or more.

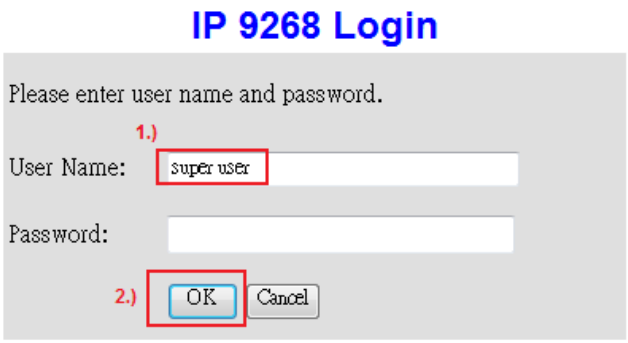
The Default Values of the IP Power 9268 / 9268SE:

IP Address: 192.168.1.192
Login: admin
Password: 12345678

“Super User” Password Reset

In an even where the password cannot be recovered, the “super user” password reset can be used (There is a space between super & user)

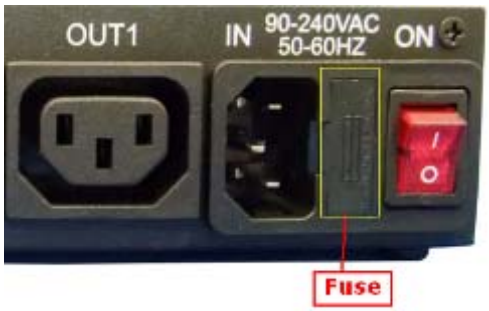
To reset the password:



1.) Go to the login page of the device
2.) Type in the words “super user” without the quotations.
(There is a space between super and user.)
3.) Click the Ok button to confirm.
4.) Then Unplug and then plug in the 9268-M device.

Replacing the Fuse

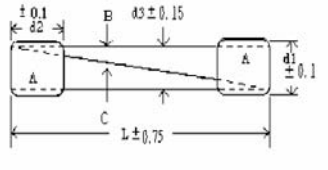
1.) The fuse is located on the 9268-PR (Slave) between the power switch and the power input plugs.



2.) Carefully remove the fuse holder with a flat screwdriver.

3.) The fuse can be purchased at most electrical stores

Model: U/C GFE 10A 250V (PF)



6.) Web Interface

Log In to IP Power 9268 / 9268SE

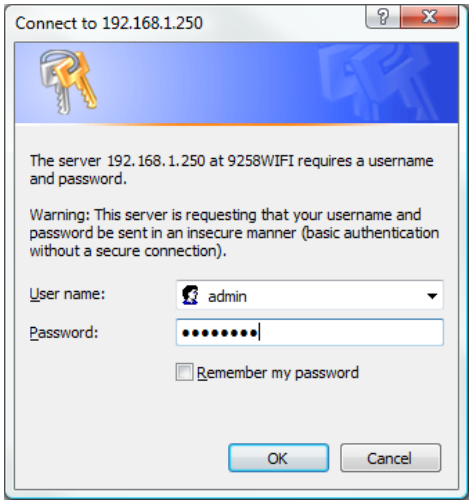
Once the 9268 / 9268SE has been setup correctly, log into the device.

First Option

1.) Go to IPEdit find the device that is being used
2.) Double click on the device link and a IE window will appear with the loading screen

Second Option

1.) Open Internet Explorer type in the IP Address of the device followed by the **":"** sign.
For example: http:192.168.122.188:9258
192.168.122.188 – IP Address
9268– Port
2.) Once you have typed in the address the 9268 / 9268SE is ready to use.


Connect to 192.168.1.250
The server 192.168.1.250 at 9258WIFI requires a username and password.
Warning: This server is requesting that your username and password be sent in an insecure manner (basic authentication without a secure connection).
User name:
admin
Password:
Remember my password
OK
Cancel

The default password for the 9268 / 9268SE

Login: admin
Password: 12345678

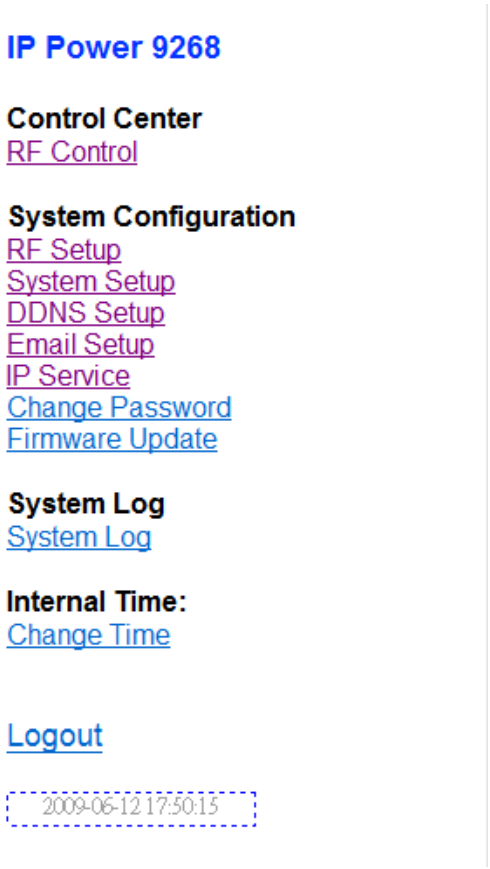
Logging In

After the device has been configured it is time to login to the device via the web interface.

3.) Open IPEdit
4.) Find the IP Power 9268 / 9268SE Device on the right hand side
5.) Double click on the IP Power 9268 / 9268SE and a Internet Explorer window will appear
6.)
7.)

Main Screen

After the device is logged in the following page will be displayed on the screen.



Control Center

RF Control

Receiver Control Center				
Access Number:	1	2	3	4
Receiver Name:				
Receiver ID:	000002	000003	000004	-
Status:	On	On	On	NA
Control Center:				

Control Center

The Control center is where the 3pcs 9268-PR (slave) device(s) are controlled. From this screen each device can be controlled on/off.

Access Number: The access number is the number of the device listed

Receiver Name: Receiver name is the Name of the Power Receiver that is selected. If no name has been selected then it will be left blank
Receiver ID: Receiver ID is the physical address of the Power Receiver that is used by the 9268 / 9268SE-M to identify the device

Status: The status on the 9268 / 9268SE will show the following:

RF Control

Receiver Control Center				
Access Number:	1	2	3	4
Receiver Name:	test1	test2	test3	
Receiver ID:	-	000003	000004	-
Status:	Off	On	On	NA
Control Center:				

On: The 9268 -PR Slave device has been setup correctly and is currently detectable
Off: The 9268 –PR Slave device cannot be detected or is off
NA: There is no current device setup on that access Number

Control Center: The control center will show the following:

1.) The device cannot connect or has been turned off

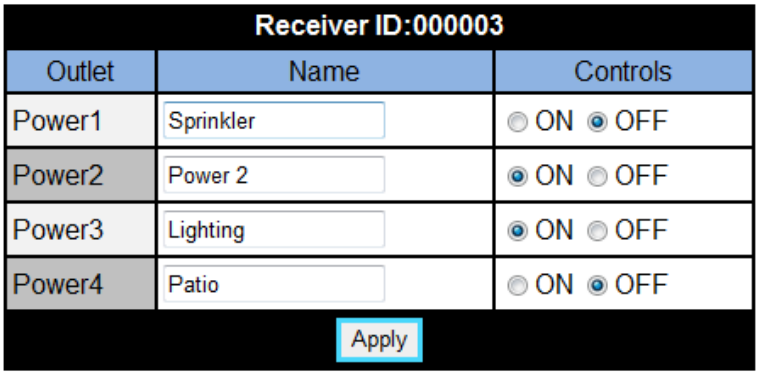
2.) The device is connected and the master device can detect the device

RF Control Panel:

To control each of the 9268-PR Device click on the little satellite picture on the screen and control panel for that unit will appear

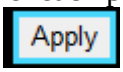
,

(Satellite Picture)



(Control Panel)

From the control panel each power outlet for that device can be customized.

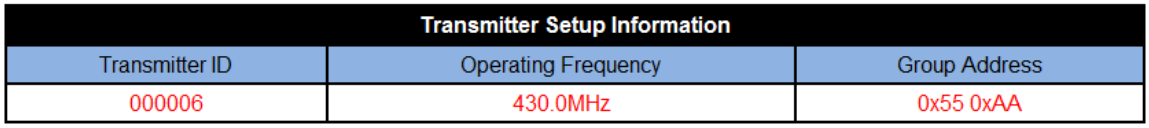
Hit the apply button  after the changes have been made.

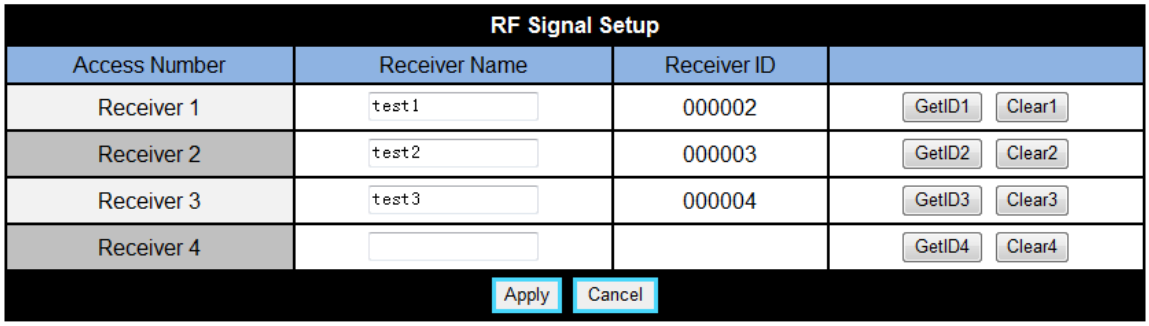
To turn on or off the outlet select On or Off and then hit the apply button to activate the command.

System Configuration

Configure the system configuration page is where the device will be setup.

RF Setup

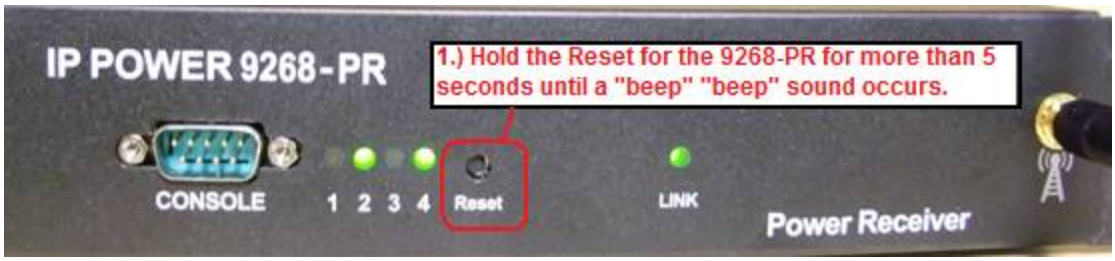




To connect the 9268-M (Master) to the 9268 -PR (Slave) devices follow the following directions:

Setup the 9268 -PR (Slave device)

1.) Hold the **"reset"** for the 9268 -PR for more than 5 seconds until you hear a "beep" "beep" sound.


IP POWER 9268-PR
1.) Hold the Reset for the 9268-PR for more than 5 seconds until a "beep" "beep" sound occurs.
CONSOLE
1 2 3 4
Reset
LINK
Power Receiver

2.) Make sure there is no device already connected on the webpage of the 9268 -M (Master). If a device is already in the Receiver area, hit the "**clear button"** to remove the already configured device. Clear1

3.) Once the device has been cleared hit the **"Get Id button"** and the 9268 / 9268SE will automatically detect the device. GetID1

4.) Once the device(s) has been setup, type in the receiver name and hit the apply button to save the changes that were made.

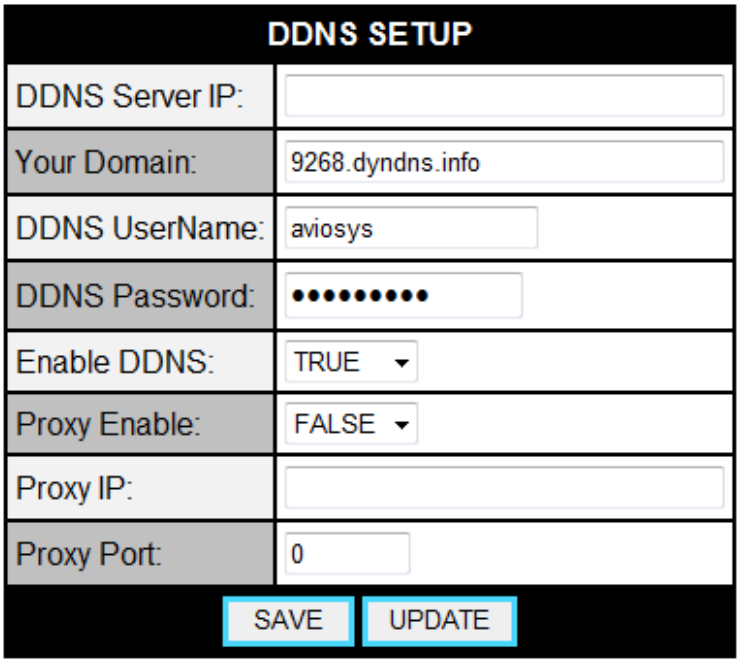
System Setup

Please restart for any changes to take effect	
IP Address:	192 . 168 . 1 . 75 : 80
Subnet Mask:	255 . 255 . 255 . 0
Default Gateway:	192 . 168 . 1 . 1
DNS:	168 . 95 . 192 . 1
DHCP Client:	Enable Disable
BEEPER:	Enable Disable
Http Command Verification:	Enable Disable
Device Name:	max9268
Release Version:	V1.3 2009/06/12
Apply Cancel	

The system setup section is where changes to the networking settings are made. In this section you will find the following information.

IP Address: IP Address of the IP Power 9268 / 9268SE
Subnet Mask: Subnet mask of the IP Power 9268 / 9268SE
Default Gateway: Default gateway information of the IP Power 9268 / 9268SE
DNS: DNS settings of the IP Power 9268 / 9268SE
DHCP Client: Enable or Disable Automatic DHCP
Beeper: Turns off the beeper sound of the IP Power 9268 / 9268SE
Http Command Verification: Turns on / off the Http: commands of the device.
Device Name: Enter name for the device.
Release Version: Displays the current Firmware Version

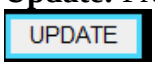
DDNS Setup



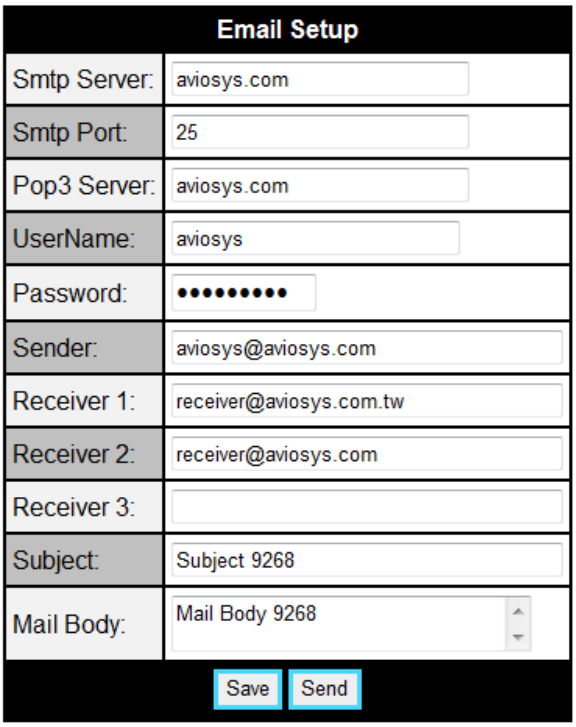
DDNS setup allows the IP Power 9268 / 9268SE to be used on DDNS. A DDNS account must be applied for

The following information will need to be inputed:
DDNS Server IP: This is where you Enter the DDNS Server IP
Your Domain: Enter the Domain Server from DDNS
DDNS UserName: Enter the Username from DDNS
DDNS Password: Enter the password that is used on DDNS
Enable DDNS: Select True if DDNS will be enabled
Proxy Enable: Select True if Proxy will be enabled
Proxy IP: Enter the proxy IP For DDNS here
Proxy Port: Enter the proxy port for DDNS here
Save: The save button saves the settings that have been selected

Update: Press the update button to update the settings on DYNDNS.



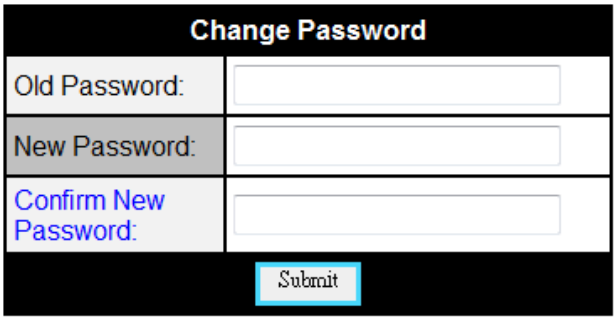
Email Setup



The Email function of the IP Power 9268 / 9268SE allows the device to notify the user when changes have been made, power outlets are turned on or off, or any modification of the fields.

Smtp Server: Type in the server address of the Email provider
Smtp Port: Type in the port of the SMTP email server
Pop3 Server: Type in the Pop 3 Incoming mail server
User Name: Type in the user name for the email address
Password: Type in the password for the Email Address
Sender: Type in the Sender E-mail
Receiver 1: Type in the Receiving address
Receiver 2: Type in the Receiving address
Receiver 3: Type in the Receiving address
Subject: Email subject Line
Mail body: Mail body
Save: The Save button will save the current set settings
Send: The Send command will send a test email testing the settings.

Change Password



The default login and password:

Login: admin
Password: 12345678

To change the password:

1.) Type in Old Password
2.) Type in the New Password
3.) Confirm New Password

Firmware Update

Warning: Please be sure before you are ready to update the device.

To update the device:

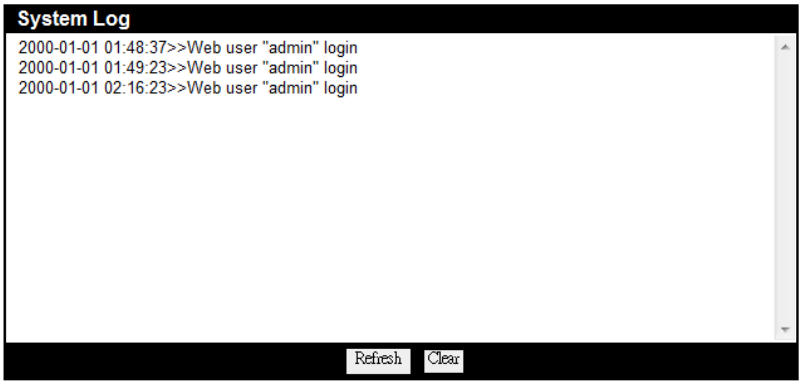
1.) Make sure that you have received the proper firmware for the IP Power Device
2.) Then on the web page select the Firmware Update page

Firmware Update
Instructions
1.) Please wait a few seconds for the confirmation page to load.
2.) Hit the continue button to continue to the update page
3.) Select the correct firmware,Hit the upgrade button and the system will reboot automatically.
4.) Then re-login to make sure that the firmware update was successfully completed.
Update
Cancel

3.) Read the instructions carefully and then it the update button.
4.)

System Log

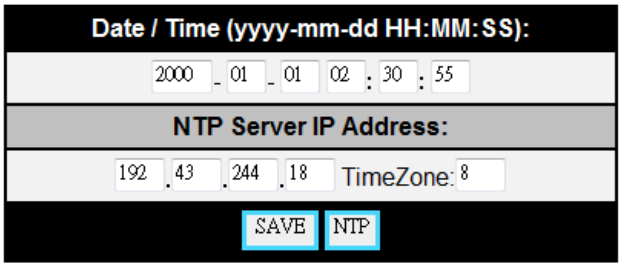
System Log



The System Log keeps track of the movements of the IP Power 9268 / 9268SE. From this page, information on the device, which ports are being will be collected and gathered.
Refresh: Refresh will refresh the current log
Clear: Clear will clear the current log information

Change Time

Change Time



The change time feature allows the device to always have the correct time / date. In this settings, the Date / Time can either be manually entered. Or at NTP Server IP Address can be provided and the device will automatically keep track of the current time and date

Logout

Logout allows the user to logout of the current system.

7.) Frequently Asked Questions (F.A.Q)

Q1: How do I reset the device back to manufacturer default values?

Ans: In the front panel of the 9268 -M, there is a reset feature that will reset the device back to manufacturer default settings. Take a pen or small pin, then press and hold for about 10-15 seconds. Once you hear a single “beep” sound the device will be reset back to manufacturer default

Q2: How come I cannot connect to my device from an outside network?
Ans: To use the device outside of LAN (Local Area Network. If a router is present you will have to port forward the Local IP Address of the 9268 / 9268SE so that it could be reached by the outside world. Please refer to the manual on how to accomplish this task.